

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application of :
Yoshitaka OHTA et al. :
Serial No. [not yet assigned] :
Filed: December 11, 2003 :
For: TRANSMISSION : Docket No. S011-5174

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MS PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER RULES 97 AND 98**

S I R:

Applicants submit this information disclosure statement pursuant to 37 CFR §1.97 and 1.98.

This information disclosure statement is being filed concurrently with the filing of the application. Accordingly, this information disclosure statement is being filed pursuant to 37 CFR §1.97(b)(3), i.e., before the mailing date of a first Office Action on the merits.

BY EXPRESS MAIL ON DECEMBER 11, 2003 (ER 092 778 187 US)

Information Disclosure Statement

Pursuant to 37 CFR §1.98, a listing of patents, publications or other information submitted for consideration by the PTO is provided on annexed Form PTO-1449. A legible copy of each item of information listed on the Form is submitted herewith.

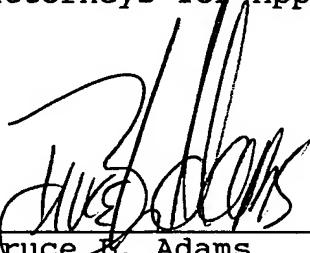
As to each item of information which is not in the English language, a concise explanation of the relevance thereof pursuant to 37 CFR §1.98(a)(3) is attached. The concise explanation of relevance comprises an English language Summary attached to each non-English language item of information. Each item of information is also described in the present specification in the section entitled "Background of the Invention".

Consideration of this information disclosure statement is respectfully requested.

Respectfully submitted,

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By:


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FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. S011-5174	SERIAL NO. [not yet assigned]
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT		Yoshitaka OHTA et al.	
		FILING DATE December 11, 2003		GROUP	

U.S. PATENT DOCUMENTS									
*		DOCUMENT NO.			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								

FOREIGN PATENT DOCUMENTS									
*		DOCUMENT NO.			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		YES	NO						
	AL	6	0	4	3	5	6	1	11-14-94 Japan -- --
	AM								
	AN								
	AO								
	AP								
	AQ								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							

EXAMINER:	DATE CONSIDERED:
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.